

Additives for coatings and printing inks

DISPARLON[®]

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DISPARLON[®] AQ-600

(Rheology control agent for water-borne system)

DISPARLON AQ-600 is a polyamide based rheology control agent for water-borne systems. A 3-D network structure is formed by interaction of AQ-600 with the coating vehicle; as a result it prevents sagging and pigment settling. AQ-600 is different from traditional water-borne thickening agents since it has strong pseudoplasticity.

ADVANTAGES

- Prevents hard caking by minimizing pigment settling
- Excellent humidity resistance
- Orientation of metallic and pearlescent pigments
- Highly shear thinning

TYPICAL PROPERTIES

Appearance	Yellowish brown to brown paste
Active component	Amine salt of polyamide wax
Non-volatile matter	20%
Solvent	Water/ Propylene glycol- monomethyl ether
Acid value (as product)	12.5

INCORPORATION

- Make a pregel with 20 parts AQ/80 parts water and mix slowly for 20 minutes.
- Dispersing temperature is recommended between room temperature and 40°C.
- Dosage: 1.0 - 3.0 weight % as product on total formulation.
- Should be stored below 40°C.

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